

Qy 121 DVMTAFHDNEETFLKYLIEIARRHPYFAPELLFAKRYKAFTTECCQAADKAACLLP 180  
 Db 121 DVMTAFHDNEETFLKYLIEIARRHPYFAPELLFAKRYKAFTTECCQAADKAACLLP 180  
 Qy 181 KLDELDEGKASSAKORLKCASLOKFGRAFANAVARLSORFPKAEFAVSKLYTDLTK 240  
 Db 181 KLDELDEGKASSAKORLKCASLOKFGRAFANAVARLSORFPKAEFAVSKLYTDLTK 240  
 Qy 241 VHTCCGDLLECCADRADLAKYICENQDSISSKLECCCKPILLESKSHCIAEYENDMPA 300  
 Db 241 VHTCCGDLLECCADRADLAKYICENQDSISSKLECCCKPILLESKSHCIAEYENDMPA 300  
 Qy 301 DLPSLAADFVESKDVCKNYAEAKDVLGMFLYEAARRHPDYVSVLLRLAKTYETLEKC 360  
 Db 301 DLPSLAADFVESKDVCKNYAEAKDVLGMFLYEAARRHPDYVSVLLRLAKTYETLEKC 360  
 Qy 361 CAADPHCEYAKVDFEFLVPEPONLIKONCELFGEOLGEYKFNALLVRYTKVPQVST 420  
 Db 361 CAADPHCEYAKVDFEFLVPEPONLIKONCELFGEOLGEYKFNALLVRYTKVPQVST 420  
 Qy 421 PTLVEVSRNLGVSKCKHPEAKRMPCAEDYLSVNLQCLVLEHKTTPVSDRVTKCTES 480  
 Db 421 PTLVEVSRNLGVSKCKHPEAKRMPCAEDYLSVNLQCLVLEHKTTPVSDRVTKCTES 480  
 Qy 481 LVNRRPCFSALEVDETVVPKEFNAETFFHADICTLSEKQIKKOTALVELVKKHPRAT 540  
 Db 481 LVNRRPCFSALEVDETVVPKEFNAETFFHADICTLSEKQIKKOTALVELVKKHPRAT 540  
 Qy 541 KEQLKAVMDFFAFAVEKCKKADDDKTCFAEKGKLVAAASQAALGL 585  
 Db 541 KEQLKAVMDFFAFAVEKCKKADDDKTCFAEKGKLVAAASQAALGL 585

RESULT 5  
 AAO20111  
 ID AAO20111 standard; Protein: 585 AA.  
 XX AC AAO20111;  
 XX DT 06-AUG-2002 (first entry)  
 XX DE HSA protein sequence related to the growth hormone protein.  
 XX KW Serum albumin-growth hormone fusion protein: growth hormone;  
 XX KW Down's syndrome.  
 XX OS Unidentified.  
 XX PN KR99076789-A.  
 XX PD 15-OCT-1999.  
 XX PF 25-JUN-1998; 98KR-0704914.  
 XX PR 30-DEC-1995; 95GB-0026733.  
 XX PR 19-DEC-1996; 96WO-GB03164.  
 XX PA (DELTA) DELTA BIOTECHNOLOGY LTD.  
 XX WIPI: 1997-363680/55.  
 XX DR N-PSDB; AAK99568.  
 XX PT Serum albumin-growth hormone fusion protein - useful to treat growth  
 XX PT hormone related diseases, e.g. Down's syndrome  
 XX PS Disclosure; Fig 6; 21pp; Korean.  
 XX CC The invention relates to a serum albumin-growth hormone fusion protein -  
 XX CC useful to treat growth hormone related diseases such as Down's syndrome.  
 XX CC This sequence represents a HSA protein related to the serum albumin-  
 XX CC growth hormone protein of the invention.

585 AA;

us-09-833-114-18.rag

Query Match 100.0%; Score 3103; DB 18; Length 585;  
 Best Local Similarity 100.0%; Pred. No. 1e-254;  
 Matches 585; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 DAHSEVAHREFKDLGEENFKALVLAFAQYLOQCPFEDHVKLVNEVTEFAKTCVADEGNE 60  
 Db 1 DAHSEVAHREFKDLGEENFKALVLAFAQYLOQCPFEDHVKLVNEVTEFAKTCVADEGNE 60  
 Qy 61 NCDKSLHTLFGSKLCTVATLRETYGEMADCAKOEPRNECFLOHKDDNPNLPLVRPEV 120  
 Db 61 NCDKSLHTLFGSKLCTVATLRETYGEMADCAKOEPRNECFLOHKDDNPNLPLVRPEV 120  
 Qy 121 DVMCTAFHDNEETFLKYLIEIARRHPYFAPELLFAKRYKAFTTECCQAADKAACLLP 180  
 Db 121 DVMCTAFHDNEETFLKYLIEIARRHPYFAPELLFAKRYKAFTTECCQAADKAACLLP 180  
 Qy 181 KLDELDEGKASSAKORLKCASLOKFGRAFANAVARLSORFPKAEFAVSKLYTDLTK 240  
 Db 181 KLDELDEGKASSAKORLKCASLOKFGRAFANAVARLSORFPKAEFAVSKLYTDLTK 240  
 Qy 241 VHTCCGDLLECCADRADLAKYICENQDSISSKLECCCKPILLESKSHCIAEYENDMPA 300  
 Db 241 VHTCCGDLLECCADRADLAKYICENQDSISSKLECCCKPILLESKSHCIAEYENDMPA 300  
 Qy 301 DLPSLAADFVESKDVCKNYAEAKDVLGMFLYEAARRHPDYVSVLLRLAKTYETLEKC 360  
 Db 301 DLPSLAADFVESKDVCKNYAEAKDVLGMFLYEAARRHPDYVSVLLRLAKTYETLEKC 360  
 Qy 361 CAADPHCEYAKVDFEFLVPEPONLIKONCELFGEOLGEYKFNALLVRYTKVPQVST 420  
 Db 361 CAADPHCEYAKVDFEFLVPEPONLIKONCELFGEOLGEYKFNALLVRYTKVPQVST 420  
 Qy 421 PTLVEVSRNLGVSKCKHPEAKRMPCAEDYLSVNLQCLVLEHKTTPVSDRVTKCTES 480  
 Db 421 PTLVEVSRNLGVSKCKHPEAKRMPCAEDYLSVNLQCLVLEHKTTPVSDRVTKCTES 480  
 Qy 481 LVNRRPCFSALEVDETVVPKEFNAETFFHADICTLSEKQIKKOTALVELVKKHPRAT 540  
 Db 481 LVNRRPCFSALEVDETVVPKEFNAETFFHADICTLSEKQIKKOTALVELVKKHPRAT 540  
 Qy 541 KEQLKAVMDFFAFAVEKCKKADDDKTCFAEKGKLVAAASQAALGL 585  
 Db 541 KEQLKAVMDFFAFAVEKCKKADDDKTCFAEKGKLVAAASQAALGL 585

RESULT 6  
 AAY84873  
 ID AAY84873 standard; protein: 585 AA.  
 XX AC AAY84873;  
 XX DT 08-AUG-2000 (first entry)  
 XX DE Amino acid sequence of a human albumin protein.  
 XX KW Human; albumin; ischemic state; serum protein; metal ion salt;  
 XX KW perioperative ischemia; ischemia; myocardial infarction;  
 XX KW progressive coronary artery disease.  
 XX OS Homo sapiens.  
 XX FH Key Location/Qualifiers  
 XX FT Modified-site 1 /note= "optionally acetylated, and claimed under  
 XX FT claim 56"  
 XX FT  
 XX FT  
 XX FT  
 XX PN WO200020840-A1.  
 XX PD 13-APR-2000.  
 XX PF 01-OCT-1999; 99WO-US22905.  
 XX XX